



Lot Cleaning, Asbestos Abatement & Demolition Bid Request 5/19/2017



The City of Fayetteville Housing and Code Enforcement Division is requesting lot cleaning, demolition & asbestos abatement bids to include if necessary all costs to conduct noted work on the properties listed below.

Bid price and scope of work required shall include the following:

- Demolition and removal of all structures, accessory structures, out buildings, well/pump houses, old fencing, walls, signs, foundations, basements, pools, footings, walkways and slabs on the property unless specified otherwise
- All costs associated with the abatement of all identified Asbestos Containing Materials by a licensed contractor
- Contractor shall obtain at his/her expense all required permits, licenses, bonds, insurance, reports, designs, engineering and/or inspections.
- Removal of all rubbish, trash and debris, tall weeds, tall grass and undergrowth from the entire site including cut limbs, logs, trees and organic debris piles.
- Disposal of all debris at approved landfills or processing sites
- Unless specified, asphalt or concrete parking surfaces and driveways are to remain
- If necessary, approved fill must be added to bring excavated areas to the grade of the existing lot
- Disturbed areas of the lot must be smooth and graded to allow for natural drainage
- Areas and dimensions are estimated based upon sampling reports and information supplied by 3rd parties
- All work must be completed within 60 calendar days after notice to proceed has been issued. Contractor is responsible for contacting City for inspection upon completion.
- With the exclusion of lawful asbestos removal, contractor shall not assign, subcontract, or transfer any rights under or interest in (including, but without limitation, monies that may become due or monies that are due) the Agreement without the written consent of the City.
- Contractor is responsible for providing clear copies of all demolition related waste documents and landfill receipts.
- Contractor is responsible for complying with all Local, State and Federal rules, codes, laws and legislation.

- 1) **Structure Beside 572 Facing Horseshoe Road 0409-20-1462-** Structure is a privately owned property to be demolished under Community Development Grant. Asbestos materials were found upon inspection. Detailed asbestos inspection report is available.
- 2) **111 Scott Avenue 0438-44-9420-** Structure is a privately owned property to be demolished under Community Development Grant. Asbestos materials were found upon inspection. Detailed asbestos inspection report is available.
- 3) **6489 St Louis Street 0407-03-8881-** Removal of all fallen trees, tall grass, undergrowth and all trash and debris.
- 4) **601 Mechanic Street 0437-57-8665-** Removal of fallen cut trees and stump/root balls remaining, tall grass, weeds, undergrowth and all trash and debris.
- 5) **End of List**

Bids must be submitted on Demolition Bid Estimate – Invoice form revised 03/07/2016

By Mail:

City of Fayetteville
Attention Jim Rutherford
Code Enforcement
433 Hay Street
Fayetteville, NC 28301-5537

In-Person:

City Hall Offices
1st floor Code Enforcement
433 Hay Street
Fayetteville, NC 28301

By E-mail:

jrutherford@ci.fay.nc.us

Submittal Deadline: 5:00pm EST on Friday, 5/26/2017

If there are any questions, contact:

Jim Rutherford – Code Enforcement Supervisor
433 Hay Street - Fayetteville, NC 28301 - jrutherford@ci.fay.nc.us 910-354-4787.

CITY OF FAYETTEVILLE
HOUSING & CODE ENFORCEMENT DIVISION
433 Hay Street Fayetteville, NC 28301 (910)433-1056

DEMOLITION BID ESTIMATE – INVOICE

Date _____

Contractor _____ Phone _____

Address _____

City _____ State _____ Zip _____

Pursuant to the scope of demolition work specified in the posted Demolition Bid Request, we are pleased to submit the following bid estimate for the demolition of the structure(s) located at:

Project Address _____ Parcel ID Number _____

AMOUNT OF BID \$ _____

Contractor agrees to demolish the structure(s), remove all refuse, rubbish and undergrowth from the lot, and to provide a receipt reflecting that such demolition debris was disposed of in a lawful manner. Contractor understands that the demolition work as specified in the posted Demolition Bid Request shall be to the satisfaction of the City of Fayetteville Planning & Code Enforcement Services Department (City) before any request for payment of such demolition work can be made (bid price includes all salvageable materials and such shall become property of the awarded bidder). If Contractor is awarded the bid, Contractor further agrees that all subject demolition work will be completed within 60 days of the City's authorization to proceed with demolition. Any request for extension of this time period must be submitted in writing and approved by the City. Contractor understands that failure to complete the demolition work within this time period will result in my being restricted from submitting other demolition bids for a period of one calendar year. With the exclusion of lawful asbestos removal, Contractor shall not assign, subcontract, or transfer any rights under or interest in (including, but without limitation, monies that may become due or monies that are due) this Agreement without the written consent of the City.

Contractor hereby acknowledges that "E-Verify" is the federal E-Verify program operated by the US Department of Homeland Security and other federal agencies which is used to verify the work authorization of newly hired employees pursuant to federal law and in accordance with Article 2, Chapter 64 of the North Carolina General Statutes. Contractor further acknowledges that all employers, as defined by Article 2, Chapter 64 of the North Carolina General Statutes, must use E-Verify and after hiring an employee to work in the United States, shall verify the work authorization of the employee through E-Verify in accordance with NCGS §64-26(a). Contractor hereby pledges, attests and warrants through execution of this Agreement that Contractor complies with the requirements of Article 2 of Chapter 64 of the North Carolina General Statutes and further pledges, attests and warrants that any subcontractors currently employed by or subsequently hired by Contractor shall comply with any and all E-Verify requirements. Failure to comply with the above requirements shall be considered a breach of this Agreement."

As mandated by N.C.G.S. 143C-6A-5(a), Contractor hereby certifies that it is not listed on the Final Divestment List created by the North Carolina State Treasurer pursuant to N.C.G.S. 143C-6A-4. Contractor further certifies that in accordance with N.C.G.S. 143C-6A-5(b) that it shall not utilize any subcontractor found on the State Treasurer's Final Divestment List. Contractor certifies that the signatory to this (Purchase Order/RFP/Etc.) is authorized by the Contractor to make the foregoing statement.

Print Name

Signature

FOR OFFICIAL USE ONLY

Bid awarded on _____. I am the awarded demolition contractor and I affirm that I completed the required demolition work at the above job location pursuant to the posted Demolition Bid Request on _____.

Print Name

Signature

Date

Finance Department: The work as stated above has been completed. The aforesaid bill is being submitted for appropriate collection. If applicable, an additional \$125.00 administrative fee will be collected (in accordance with Section 22-17)

Approved by: _____ Owner _____

Date Work Completed _____ Address _____

Date Work Authorized _____ City _____ State _____ Zip _____

Authorized by _____ PIN: _____

Bid Price
\$

Admin Fee (Y/N)
\$

TOTAL DUE
\$



COMMUNITY DEVELOPMENT

May 17, 2017

Ms. Janet Lindsey
572 Horseshoe Road
Fayetteville, NC 28303

RE: Structure Beside 572 Facing Horseshoe Road

Dear Ms. Lindsey:

The City of Fayetteville's Community Development (CD) Department has approved your application for demolition fee assistance. A grant for the amount of demolition costs and asbestos removal (if applicable) up to **\$7,500** shall be provided to demolish the above referenced residential property on your behalf to the selected vendor(s) resulting from the bidding processes to be conducted by the City of Fayetteville's Inspections Department.

If for any reason demolition and asbestos removal costs of the lowest bidders/vendors are in excess of \$7,500, you shall be responsible for the balance of these costs. If you have any questions regarding your grant award, feel free to contact me at 433-1598.

Sincerely,

A handwritten signature in cursive script that reads "Barbara C. Little".

Barbara C. Little, HDPF
Community Development Administrator

cc: James Rutherford
Inspections Department

433 HAY STREET
FAYETTEVILLE, NC 28301-5537
(910) 433-1590 • FAX (910) 433-1592
www.fayettevillenc.gov

The City of Fayetteville, North Carolina does not discriminate on the basis of race, sex, color, age, national origin, religion or disability in its employment opportunities, programs, services, or activities.

ENVIRONMENTAL CONCERNS ***of Fayetteville, Inc.***

ASBESTOS INSPECTION

of

Building to be Demolished **572 Horseshoe Road** **Fayetteville, NC**

Inspected By:

Rodney D. Sanders
426 McArthur Road
Fayetteville, NC 28311

Asbestos Containing Materials (ACM) Were Identified in This Building

The attached Findings and Recommendations report totals four (4) pages.
There are five (5) pages of supporting documents attached to the report.

ENVIRONMENTAL CONCERNS

of Fayetteville, Inc.

Findings and Recommendations

PROJECT NAME:	Building to Be Demolished	DATE INSPECTED:	May 3, 2017
PROJECT #:	PO500769	INSPECTED BY:	Rodney D. Sanders
LOCATION:	572 Horseshoe Road Fayetteville, NC	ACCREDITATION NO:	10237

Scope of Inspection:

The purpose of this inspection was to identify any possible asbestos containing building materials that may be located in this building which and is scheduled to be demolished.

This is a small site built CMU structure with a crawl space and a pitched metal roof. Interior walls are wood studs with drywall walls and ceilings. Most of the ceilings have collapsed and the interior contents are covered with mineral wool insulation from the attic. The floors are all wood; some are covered with sheet flooring.



Materials Suspect for Asbestos:

Suspect materials are defined as materials that are either known to have contained asbestos during past manufacturing or materials for which the possibility of asbestos content is unknown.

For every type of asbestos containing material produced there are similar materials that while they may appear to be the same they do not contain asbestos. Therefore all identified suspect materials must be considered to be asbestos containing until the actual asbestos content is determined or disproved by an approved laboratory. Laboratory analysis must be performed by a qualified microscopist.

Typically any building material used to construct a building can be considered to be suspect for asbestos unless they are known to never have been made with asbestos such as wood fiber products, fiberglass insulations, glass, load bearing concrete, etc. All other suspect building materials are required to be sampled to disprove the possibility of asbestos content.

Asbestos Sampling Requirements:

All asbestos inspections performed in North Carolina must be performed by persons accredited by the State of North Carolina. The area in question is visually inspected to identify materials that are suspect for asbestos. Materials that are considered to be suspect for asbestos are then separated into homogeneous areas for sampling. A homogeneous area is an area in which a suspect material has uniform color, texture, age or other characteristics that indicate the continuity of the material.

Samples sufficient to identify or disprove the presence of asbestos are collected from each homogeneous area. Materials that are not considered to be suspect, such as metal, wood, fiberglass, concrete, carpet, etc. are not sampled. Destructive sampling was not performed so any unexpected materials located inside of walls and chases would not be included in this survey.

By regulation if any of the samples collected from a homogeneous area are found to be positive for asbestos, that entire homogeneous material must be considered to be positive for asbestos, unless a determination can be made that the positive sample(s) are not representative of the entire homogeneous area. Additional sampling or different analytical techniques could be required to clarify unusual or unexplained results.

Asbestos Samples Collected:

There were **eight (8)** samples collected during this inspection. Samples are required to be layered during analysis so the laboratory results sometimes will appear to contain additional samples. This is normal and these additional samples are only the different layers that were observed by the laboratory and may be identified in their report by adding letters or descriptions to the sample number assigned by the inspector to indicate analysis of the separate layers. A stop read order was given to laboratory for materials contained in the same homogeneous area. This means that once a positive result is received and the area determined to be asbestos containing the remaining sample are not to be analyzed.

All samples collected were sent to an independent laboratory for analysis by PLM (polarized light microscopy). Laboratory analysis of samples was performed by a qualified microscopist. The **Asbestos Chain of Custody** and the laboratory's **Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy** sheets as well as **Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure** are included and should be reviewed to determine where samples were collected and the specific details concerning the sample analysis and reported results.

The limit of detection of asbestos by PLM is about one percent by area; samples containing lower levels of asbestos are not reliably detected by this analytical technique. Current EPA regulations consider materials that contain less than 1% asbestos not to be an asbestos containing material. Such materials would be identified in the **Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy** sheets for information purposes, but would not have to be considered as asbestos containing materials under EPA rules. The laboratory sheets included in the report give a breakdown of each sample's composition. All samples were analyzed by EMSL Analytical, Inc. in Kernersville, NC. The samples were sent to the laboratory via Federal Express.

Findings:

The **eight (8)** samples collected yielded **analytical (11)** analytical results and **one (1)** positive stop sample.

Based upon a review of the laboratory analysis of the samples collected, there is one asbestos containing building material that had greater than 1% asbestos found during this inspection. The surfacing material on the drywall ceiling is considered to be an asbestos containing material.

The following table lists the suspect materials found and the location and estimated quantity of asbestos containing materials present.

Sample #	Area #	Suspect Material	Location(s)	Quantity	Condition	Asbestos Content	Friable
572-01 Texture	1	Drywall	Right Rear Room - Ceiling	1,500 SF	Significant Damage	None	YES
572-01 Compound						None	
572-02 Drywall			Right Front Room - Ceiling		Significant Damage	None	
572-02 Compound						None	
572-03	2	Sheet Flooring	Left Rear Room - Floor	300 SF	Damaged	None	NO
572-04			Right Rear Room - Floor		Damaged	None	
572-05	3	Window Glazing	Right Side – 1 st Window	10 EA	Damaged	2 % Chrysotile	NO
572-06			Rear Wall – Left Window		Damaged	Stop Positive	
572-07	4	Caulking	Right Side – Rear Window	100 LF	Damaged	None	NO
572-08			Rear Wall - Right Window		Damaged	None	

Response Recommendations:

EPA regulations require the removal of building materials containing greater than 1% asbestos prior to any demolition or renovation. Abatement will be required for this structure as there are asbestos containing materials identified which must be removed prior to demolition. The window glazing compound was found to be an asbestos containing material. Refer to the above table for locations and approximate quantities.

OSHA requires that the handling of all asbestos containing materials be in accordance with the construction standard **29 CFR 1926.1101**.

The State of North Carolina has programs in place that regulates the handling of asbestos containing materials in North Carolina.

Information regarding compliance with the North Carolina regulations for asbestos inspections and the removal and disposal of asbestos containing materials during renovations in North Carolina can be found online at <http://epi.publichealth.nc.gov/asbestos/demolition.html>. Assistance can also be requested by calling the NC Department of Health and Human Services, Division of Public Health; Health Hazards Control Unit (HHCU) at (919) 707-5950.

Disclaimer:

Environmental Concerns of Fayetteville, Inc. assumes no liability for ACM that is not included in this inspection due to their being concealed, inaccessible, beyond the scope of the requested inspection, or not normally considered to be a suspect material.

Environmental Concerns of Fayetteville, Inc. assumes no liability for the condition of the materials before, during or after the inspection.

Compliance with current regulations, by persons using this report to plan demolition activities, is the sole responsibility of those persons and not the responsibility of Environmental Concerns of Fayetteville, Inc.

If additional services are required we are available to assist with the planning for response actions required for this project.

Attachments:

The analytical sheets and credentials attached to this report are considered to be an integral part of this report and should not be detached. Persons reviewing or distributing this report to others should be sure that these attachments were also provided.

Attached to this report should be **one (1)** page for the asbestos chain of custody form which lists the samples collected and **one (1)** page for the asbestos laboratory analytical reports. Following these pages there are asbestos credentials for the inspector as well as the analytical laboratory that performed the analysis.

If there are any questions concerning this inspection report or a need for additional assistance please feel free to contact me at (910) 488-1925.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Rodney D. Sanders", is written over the printed name.

Rodney D. Sanders
NC Asbestos Inspector Accreditation # 10237



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

2680

EMSL ANALYTICAL, INC.
706 Grain Street
Kernersville, NC 27284
PHONE: (336) 992-1025
FAX: (336) 992-4175

Company: Environmental Concerns of Fayetteville, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 426 McArthur Road		<i>Third Party Billing requires written authorization from third party</i>	
City: Fayetteville	State/Province: NC	Zip/Postal Code: 28311	Country: USA
Report To (Name): Rodney Sanders		Telephone #: (910) 488-1925	
Email Address: rdsanders1@econcerns.net		Fax #: (910) 488-5345	Purchase Order: PO500769
Project Name/Number: 572 Horseshoe Road		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: Fayetteville, North Carolina		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input checked="" type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique Other <input type="checkbox"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: May 3, 2017	
Samplers Name: Rodney D. Sanders, Accreditation # 10237		Samplers Signature:	
Sample #	HA #	Sample Location	Material Description
572- 01	1	Rear room on right - Ceiling	Drywall
572- 02	1	Front room on right - Ceiling	Drywall
572- 03	2	Rear room on left - Floor	Sheet Flooring
572- 04	2	Rear room on right - Floor	Sheet Flooring
572- 05	3	Exterior - Right Side - 1st Window	Glazing
572- 06	3	Exterior - Rear Left - Window	Glazing
572- 07	4	Exterior - Right Side - 2nd Window	Caulking
572- 08	4	Exterior - Rear Right - Window	Caulking
Client Sample # (s): 572-01 - 572-08 Total # of Samples: 8 Relinquished (Client): Date: May 3, 2017 Time: 5:00 PM Received (Lab): Date: 5/4/17 Time: 9:15 AM Comments/Special Instructions: EX 811318736363			



EMSL Analytical, Inc.

706 Grallin Street Kernersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

http://www.EMSL.com / greensborolab@emsl.com

EMSL Order: 021702680

Customer ID: ECOF50

Customer PO: PO500769

Project ID:

Attention: Rodney D. Sanders
Environ. Concerns of Fayetteville Inc
426 McArthur Road
Fayetteville, NC 28311

Phone: (910) 488-1925
Fax: (910) 488-5345
Received Date: 05/04/2017 9:15 AM
Analysis Date: 05/05/2017
Collected Date: 05/03/2017

Project: 572 Horseshoe Road

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
572-01-Drywall 021702680-0001	Drywall	Brown/Gray Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
572-01-Joint Compound 021702680-0001A	Drywall	Beige Non-Fibrous Homogeneous	<1% Cellulose	30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
572-02-Drywall 021702680-0002	Drywall	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
572-02-Joint Compound 021702680-0002A	Drywall	Beige Non-Fibrous Homogeneous	<1% Cellulose	30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
572-03 021702680-0003	Sheet Flooring	Brown/Gray/Tan Fibrous Heterogeneous	30% Cellulose 1% Glass	69% Non-fibrous (Other)	None Detected
572-04 021702680-0004	Sheet Flooring	Brown/Gray/Tan Fibrous Heterogeneous	30% Cellulose 1% Glass	69% Non-fibrous (Other)	None Detected
572-05 021702680-0005	Glazing	Gray/Tan/White Non-Fibrous Heterogeneous	<1% Cellulose	10% Ca Carbonate 88% Non-fibrous (Other)	2% Chrysotile
572-06 021702680-0006	Glazing				Positive Stop (Not Analyzed)
572-07 021702680-0007	Caulking	Gray/White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
572-08 021702680-0008	Caulking	Gray/White Non-Fibrous Homogeneous	<1% Cellulose	10% Ca Carbonate 90% Non-fibrous (Other)	None Detected

Analyst(s)

Nicole Shults (4)

Scott Combs (5)

Stephen Bennett, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-fragile organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from: 05/05/2017 11:34:18



Public Health
HEALTH AND HUMAN SERVICES

RICHARD O. BRAJER
Secretary

DANIEL STALEY
Director, Division of Public Health

December 29, 2016

Rodney D Sanders
5579 Lockridge Road
Fayetteville, NC 28311

Dear Mr. Sanders:

Based upon the review of your accreditation application, the Health Hazards Control Unit (HHCUC) has determined that you have fulfilled the requirements and are eligible for asbestos accreditation as a(n) INSPECTOR. Your assigned North Carolina accreditation number is 10237, which is reflected on your enclosed North Carolina Accreditation card. Please be sure to take this card with you to any asbestos work site where you are employed. The State requires that all persons conducting asbestos abatement or asbestos management activities be accredited and have their identification card on site.

Your North Carolina Inspector accreditation will expire on DECEMBER 31, 2017. It is NOT the policy of the HHCUC to issue renewal notices. If you wish to continue working as a(n) Inspector after this expiration date, you must successfully complete the required training and submit a completed application to this office prior to December 31, 2017. If you should continue to perform asbestos management activities as a(n) Inspector without a valid North Carolina accreditation, you will be in violation of State regulations and may be cited for noncompliance.



Rodney D Sanders
5579 Lockridge Road
Fayetteville, NC 28311

114098

North Carolina
Asbestos Accreditation

EXPIRATION			
12-31-2017			
DOB	SEX	HT	WT
03-19-1953	M	6'0"	260
CLASS	#	EXP	
DESIGNER	40098	12-17	
INSPECTOR	10237	12-17	
MGMT PLANNER	20111	12-17	
SUPERVISOR	30100	04-17	

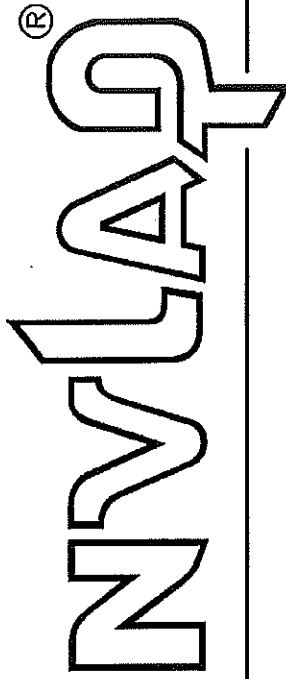
Sincerely,

Ed Norman
Program Manager
Health Hazards Control Unit

Enclosure

Nothing Compares

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 102104-0

EMSL Analytical, Inc.
Kernersville, NC

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).*

2016-07-01 through 2017-06-30

Effective Dates

A handwritten signature in dark ink, appearing to read "Peter S. Lander".

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
706 Gralin Street
Kernersville, NC 27284
Mr. Stephen Bennett
Phone: 336-992-1025 Fax: 336-992-4175
Email: sbennett@emsl.com
<http://www.emsl.com/>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 102104-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in cursive script, reading "Dana S. Gorman", is positioned above a horizontal line.

For the National Voluntary Laboratory Accreditation Program



COMMUNITY DEVELOPMENT

May 17, 2017

Mr. Charles Taylor Heirs
c/o Dr. Zoletta Taylor
3808 Newgate Street
Fayetteville, NC 28306

RE: 111 Scott Avenue

Dear Dr. Taylor:

The City of Fayetteville's Community Development (CD) Department has approved your application for demolition fee assistance. A grant for the amount of demolition costs and asbestos removal (if applicable) up to \$7,500 shall be provided to demolish the above referenced residential property on your behalf to the selected vendor(s) resulting from the bidding processes to be conducted by the City of Fayetteville's Inspections Department.

If for any reason demolition and asbestos removal costs of the lowest bidders/vendors are in excess of \$7,500, you shall be responsible for the balance of these costs. If you have any questions regarding your grant award, feel free to contact me at 433-1598.

Sincerely,


Barbara C. Little, HDPF
Community Development Administrator

cc: James Rutherford
Inspections Department

433 HAY STREET
FAYETTEVILLE, NC 28301-5537
(910) 433-1590 • FAX (910) 433-1592
www.fayettevillenc.gov

The City of Fayetteville, North Carolina does not discriminate on the basis of race, sex, color, age, national origin, religion or disability in its employment opportunities, programs, services, or activities.

ENVIRONMENTAL CONCERNS ***of Fayetteville, Inc.***

ASBESTOS INSPECTION

of

Home to be Demolished
111 Scott Ave.
Fayetteville, NC

Inspected By:

Rodney D. Sanders
426 McArthur Road
Fayetteville, NC 28311

Asbestos Containing Materials (ACM) Were Identified in This Building

The attached Findings and Recommendations report totals five (5) pages.
There are seven (7) pages of supporting documents attached to the report.

ENVIRONMENTAL CONCERNS

of Fayetteville, Inc.

Findings and Recommendations

PROJECT NAME:	Home to Be Demolished	DATE INSPECTED:	May 2, 2017
PROJECT #:	P0500768	INSPECTED BY:	Rodney D. Sanders
LOCATION:	111 Scott Ave Fayetteville, NC	ACCREDITATION NO:	10237

Scope of Inspection:

The purpose of this inspection was to identify any possible asbestos containing building materials that may be located in this fire damaged home which is now scheduled to be demolished.

This is a site built structure on a partial basement and crawl space with pressed wood fiber siding and has a pitched asphalt shingle roof. Interior walls are wood studs with drywall walls and ceilings. Some of the ceilings have been covered with a stipple finish. The floors upstairs are all wood; some are covered with various floor coverings. The basement has a concrete floor, some of which have floor coverings.

There is a considerable amount of abandoned home furnishings, clothing, etc. present and the ceilings are collapsed near the front of the house.



Materials Suspect for Asbestos:

Suspect materials are defined as materials that are either known to have contained asbestos during past manufacturing or materials for which the possibility of asbestos content is unknown.

For every type of asbestos containing material produced there are similar materials that while they may appear to be the same they do not contain asbestos. Therefore all identified suspect materials must be considered to be asbestos containing until the actual asbestos content is determined or disproved by an approved laboratory. Laboratory analysis must be performed by a qualified microscopist.

Typically any building material used to construct a building can be considered to be suspect for asbestos unless they are known to never have been made with asbestos such as wood fiber products, fiberglass insulations, glass, load bearing concrete, etc. All other suspect building materials are required to be sampled to disprove the possibility of asbestos content.

Asbestos Sampling Requirements:

All asbestos inspections performed in North Carolina must be performed by persons accredited by the State of North Carolina. The area in question is visually inspected to identify materials that are suspect for asbestos. Materials that are considered to be suspect for asbestos are then separated into homogenous areas for sampling. A homogeneous area is an area in which a suspect material has uniform color, texture, age or other characteristics that indicate the continuity of the material.

Samples sufficient to identify or disprove the presence of asbestos are collected from each homogeneous area. Materials that are not considered to be suspect, such as metal, wood, fiberglass, concrete, carpet, etc. are not sampled. Destructive sampling was not performed so any unexpected materials located inside of walls and chases would not be included in this survey.

By regulation if any of the samples collected from a homogeneous area are found to be positive for asbestos, that entire homogeneous material must be considered to be positive for asbestos, unless a determination can be made that the positive sample(s) are not representative of the entire homogenous area. Additional sampling or different analytical techniques could be required to clarify unusual or unexplained results.

Asbestos Samples Collected:

There were **eleven (11)** samples collected during this inspection. Samples are required to be layered during analysis so the laboratory results sometimes will appear to contain additional samples. This is normal and these additional samples are only the different layers that were observed by the laboratory and may be identified in their report by adding letters or descriptions to the sample number assigned by the inspector to indicate analysis of the separate layers. A stop read order was given to laboratory for materials contained in the same homogeneous area. This means that once a positive result is received and the area determined to be asbestos containing the remaining sample are not to be analyzed.

All samples collected were sent to an independent laboratory for analysis by PLM (polarized light microscopy). Laboratory analysis of samples was performed by a qualified microscopist. The **Asbestos Chain of Custody** and the laboratory's **Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy** sheets as well as **Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure** are included and should be reviewed to determine where samples were collected and the specific details concerning the sample analysis and reported results.

The limit of detection of asbestos by PLM is about one percent by area; samples containing lower levels of asbestos are not reliably detected by this analytical technique. Current EPA regulations consider materials that contain less than 1% asbestos not to be an asbestos containing material. Such materials would be identified in the **Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy** sheets for information purposes, but would not have to be considered as asbestos containing materials under EPA rules. The laboratory sheets included in the report give a breakdown of each sample's composition. All samples were analyzed by EMSL Analytical, Inc. in Kernersville, NC. The samples were sent to the laboratory via Federal Express.

Findings:

The **eleven (11)** samples collected yielded **twenty-two (22)** analytical results and **one (1)** positive stop sample.

Based upon a review of the laboratory analysis of the samples collected, there is one asbestos containing building material that had greater than 1% asbestos found during this inspection. Some of the floor coverings and window glazing compound were found to be asbestos containing materials.

The following table lists the suspect materials identified and the locations where samples were collected. The quantities of asbestos containing materials thought to be present are estimates only and should be confirmed by all potential bidders.

Sample #	Area #	Suspect Material	Location(s)	Quantity	Condition	Asbestos Content	Friable
111-01 Drywall	1	Drywall with Stipple	Rear Bedroom - Ceiling	1,500 SF	Damaged	None	YES
111-01 Joint						None	
111-01 Tape						None	
111-01 Texture						None	
111-02 Drywall			Middle Bedroom - Ceiling		Damaged	None	
111-02 Texture						None	
111-03	2	Drywall	Rear Bedroom - Wall	3,000 SF	Damaged	None	YES
111-04			Middle Bedroom - Wall		Damaged	None	
111-05 Top Lay.	3	Sheet Flooring on Tile	Left Rear Room - Floor	150 SF	Good	8 % Chrysotile	NO
111-05 Mastic						None	
111-05 Bottom						10 % Chrysotile	
111-05 Mastic						5 % Chrysotile	
111-06	4	Sheet Flooring	Kitchen - Floor	200 SF	Good	None	NO
111-07 Tile	5	Sheet Flooring on Tile	Basement Bathroom - Floor	100 SF	Damaged	12 % Chrysotile	NO
111-07 Mastic						3 % Chrysotile	
111-07 Flooring						None	

Sample #	Area #	Suspect Material	Location(s)	Quantity	Condition	Asbestos Content	Friable
111-08	6	Window Glazing	Exterior - Base- ment Window	16 EA	Good	3 % Chryso- tile	NO
111-09			Exterior - Left Side Rear Window				
111-10 Shingle	7	Asphalt Shin- gles	Front Porch Roof	2,600 SF	Good	None	NO
111- 10 Felt						None	
111-11 Shingle			Left Side Porch Roof			None	
111-11 Felt						None	

Response Recommendations:

EPA regulations require the removal of building materials containing greater than 1% asbestos prior to any demolition or renovation. Abatement will be required for this structure as there are asbestos containing materials identified which must be removed prior to demolition. Some of the floor coverings and window glazing compound were found to be asbestos containing materials. Refer to the above table for locations and approximate quantities. It should be noted that some of the windows present are replacement windows and do not have glazing compound and could remain or be salvaged.

OSHA requires that the handling of all asbestos containing materials be in accordance with the construction standard **29 CFR 1926.1101**.

The State of North Carolina has programs in place that regulates the handling of asbestos containing materials in North Carolina.

Information regarding compliance with the North Carolina regulations for asbestos inspections and the removal and disposal of asbestos containing materials during renovations in North Carolina can be found online at <http://epi.publichealth.nc.gov/asbestos/demolition.html>. Assistance can also be requested by calling the NC Department of Health and Human Services, Division of Public Health; Health Hazards Control Unit (HHCU) at (919) 707-5950.

Disclaimer:

Environmental Concerns of Fayetteville, Inc. assumes no liability for ACM that is not included in this inspection due to their being concealed, inaccessible, beyond the scope of the requested inspection, or not normally considered to be a suspect material.

Environmental Concerns of Fayetteville, Inc. assumes no liability for the condition of the materials before, during or after the inspection.

Compliance with current regulations, by persons using this report to plan demolition activities, is the sole responsibility of those persons and not the responsibility of Environmental Concerns of Fayetteville, Inc.

If additional services are required we are available to assist with the planning for response actions required for this project.

Attachments:

Findings & Recommendations
111 Scott Ave.
Fayetteville, NC
Page 5

The analytical sheets and credentials attached to this report are considered to be an integral part of this report and should not be detached. Persons reviewing or distributing this report to others should be sure that these attachments were also provided.

Attached to this report should be **two (2)** pages for the asbestos chain of custody form which lists the samples collected and **two (2)** pages for the asbestos laboratory analytical reports. Following these pages there are asbestos credentials for the inspector as well as the analytical laboratory that performed the analysis.

If there are any questions concerning this inspection report or a need for additional assistance please feel free to contact me at (910) 488-1925.

Respectfully Submitted,

A handwritten signature in black ink, appearing to read "Rodney D. Sanders", written in a cursive style.

Rodney D. Sanders
NC Asbestos Inspector Accreditation # 10237



Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

2654

EMSL ANALYTICAL INC
706 Grain Street
Kernersville, NC 27284
PHONE (336) 992-1025
FAX: (336) 992-4175

Company : Environmental Concerns of Fayetteville, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: 426 McArthur Road		<i>Third Party Billing requires written authorization from third party</i>	
City: Fayetteville	State/Province: NC	Zip/Postal Code: 28311	Country: USA
Report To (Name): Rodney Sanders		Telephone #: (910) 488-1925	
Email Address: rdsanders1@econcerns.net		Fax #: (910) 488-5345	Purchase Order: PO500768
Project Name/Number: 111 Scott Ave.		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: Fayetteville, North Carolina		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input checked="" type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique Other <input type="checkbox"/>	
<input checked="" type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: May 2, 2017	
Samplers Name: Rodney D. Sanders, Accreditation # 10237		Samplers Signature:	
Sample #	HA #	Sample Location	Material Description
111- 01	1	Rear Bedroom - Ceiling	Stipple on Drywall
111- 02	1	Middle Bedroom Ceiling	Stipple on Drywall
111- 03	2	Rear Bedroom - Wall	Drywall
111- 04	2	Middle Bedroom - Wall	Drywall
111- 05	3	Left Rear Room - Floor	Sheet Flooring on Tile
111- 06	4	Kitchen - Floor	Sheet Flooring
111- 07	5	Basement Bathroom - Floor	Sheet Flooring on Tile
111- 08	6	Exterior - Basement Window	Glazing
111- 09	6	Exterior - Left Rear Window	Glazing
111- 10	7	Exterior - Front Porch Roof	Asphalt Shingles
Client Sample # (s): 111-01 - 111-11		Total # of Samples: 11	
Relinquished (Client):		Date: May 2, 2017	Time: 5:00 PM
Received (Lab):		Date: 5/3/17	Time: 9:20
Comments/Special Instructions: Ex 811318736374			

EMSL Order Number (Lab Use Only):

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

[illegible]



EMSL Analytical, Inc.

706 Grallin Street Kenersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

http://www.EMSL.com / greensborolab@emsl.com

EMSL Order: 021702654

Customer ID: ECOF50

Customer PO: PO500768

Project ID:

Attention: Rodney D. Sanders
Environ. Concerns of Fayetteville Inc
426 McArthur Road
Fayetteville, NC 28311

Phone: (910) 488-1925
Fax: (910) 488-5345
Received Date: 05/03/2017 9:20 AM
Analysis Date: 05/04/2017
Collected Date: 05/02/2017

Project: 111 Scott Ave.

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
111-01-Drywall 021702654-0001	Stipple on Drywall	Brown/Gray Fibrous Heterogeneous	8% Cellulose	92% Non-fibrous (Other)	None Detected
111-01-Joint Compound 021702654-0001A	Stipple on Drywall	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
111-01-Tape 021702654-0001B	Stipple on Drywall	Beige Fibrous Homogeneous	100% Cellulose		None Detected
111-01-Texture 021702654-0001C	Stipple on Drywall	White Non-Fibrous Homogeneous		30% Ca Carbonate 70% Non-fibrous (Other)	None Detected
111-02-Drywall 021702654-0002	Stipple on Drywall	Brown/Gray Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
111-02-Texture 021702654-0002A	Stipple on Drywall	Tan/Beige Non-Fibrous Homogeneous	1% Cellulose	30% Ca Carbonate 69% Non-fibrous (Other)	None Detected
111-03 021702654-0003	Drywall	Brown/Gray Fibrous Heterogeneous	10% Cellulose	90% Non-fibrous (Other)	None Detected
111-04 021702654-0004	Drywall	Brown/Gray/Beige Fibrous Heterogeneous	15% Cellulose	85% Non-fibrous (Other)	None Detected
111-05-Top Layer Floor Tile 021702654-0005	Sheet Flooring on Tile	Gray/Green/Beige Non-Fibrous Homogeneous		10% Quartz 82% Non-fibrous (Other)	8% Chrysotile
111-05-Mastic 021702654-0005A	Sheet Flooring on Tile	Yellow Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
111-05-Bottom Layer Floor Tile 021702654-0005B	Sheet Flooring on Tile	Gray/Beige Non-Fibrous Homogeneous		10% Quartz 80% Non-fibrous (Other)	10% Chrysotile
111-05-Mastic 021702654-0005C	Sheet Flooring on Tile	Black Non-Fibrous Homogeneous	<1% Cellulose	95% Non-fibrous (Other)	5% Chrysotile
111-06-Flooring 021702654-0006	Sheet Flooring	Gray/Tan Non-Fibrous Homogeneous	2% Glass	98% Non-fibrous (Other)	None Detected
111-06-Mastic 021702654-0006A	Sheet Flooring	Beige Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (Other)	None Detected
111-07-Floor Tile 021702654-0007	Sheet Flooring on Tile	Brown/Tan Non-Fibrous Homogeneous		10% Quartz 78% Non-fibrous (Other)	12% Chrysotile

Initial report from: 05/04/2017 16:50:44



EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284

Tel/Fax: (336) 992-1025 / (336) 992-4175

http://www.EMSL.com / greensborolab@emsl.com

EMSL Order: 021702654

Customer ID: ECOF50

Customer PO: PO500768

Project ID:

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
111-07-Mastic	Sheet Flooring on Tile	Black Non-Fibrous Homogeneous	2% Cellulose	95% Non-fibrous (Other)	3% Chrysotile
021702654-0007A					
111-07-Flooring	Sheet Flooring on Tile	Brown/Tan Fibrous Heterogeneous	30% Cellulose 1% Glass	69% Non-fibrous (Other)	None Detected
021702654-0007B					
111-08	Glazing	Gray/White Non-Fibrous Homogeneous	<1% Cellulose 1% Fibrous (Other)	10% Ca Carbonate 86% Non-fibrous (Other)	3% Chrysotile
021702654-0008					
111-09	Glazing				Positive Stop (Not Analyzed)
021702654-0009					
111-10-Shingle	Asphalt Shingles	Black/Green Fibrous Heterogeneous	8% Glass	92% Non-fibrous (Other)	None Detected
021702654-0010					
111-10-Tar Paper	Asphalt Shingles	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
021702654-0010A					
111-11-Shingle	Asphalt Shingles	Gray/Black/Green Fibrous Heterogeneous	<1% Cellulose 8% Glass	92% Non-fibrous (Other)	None Detected
021702654-0011					
111-11-Tar Paper	Asphalt Shingles	Black Fibrous Homogeneous	70% Cellulose	30% Non-fibrous (Other)	None Detected
021702654-0011A					

Analyst(s)

Nicole Shults (17)

Scott Combs (5)

Stephen Bennett, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000226, West Virginia LT000321

Initial report from: 05/04/2017 16:50:44



Public Health
HEALTH AND HUMAN SERVICES

RICHARD O. BRAJER
Secretary

DANIEL STALEY
Director, Division of Public Health

December 29, 2016

Rodney D Sanders
5579 Lockridge Road
Fayetteville, NC 28311

Dear Mr. Sanders:

Based upon the review of your accreditation application, the Health Hazards Control Unit (HHCU) has determined that you have fulfilled the requirements and are eligible for asbestos accreditation as a(n) INSPECTOR. Your assigned North Carolina accreditation number is 10237, which is reflected on your enclosed North Carolina Accreditation card. Please be sure to take this card with you to any asbestos work site where you are employed. The State requires that all persons conducting asbestos abatement or asbestos management activities be accredited and have their identification card on site.

Your North Carolina Inspector accreditation will expire on DECEMBER 31, 2017. It is NOT the policy of the HHCU to issue renewal notices. If you wish to continue working as a(n) Inspector after this expiration date, you must successfully complete the required training and submit a completed application to this office prior to December 31, 2017. If you should continue to perform asbestos management activities as a(n) Inspector without a valid North Carolina accreditation, you will be in violation of State regulations and may be cited for noncompliance.



Rodney D Sanders
5579 Lockridge Road
Fayetteville, NC 28311

114096

**North Carolina
Asbestos Accreditation**

EXPIRATION 12-31-2017				
DOB	SEX	HT	WT	
03-18-1953	M	6'0"	260	
CLASS	#	EXP		
DESIGNER	40098	12-17		
INSPECTOR	10237	12-17		
MGMT PLANNER	20111	12-17		
SUPERVISOR	30100	04-17		

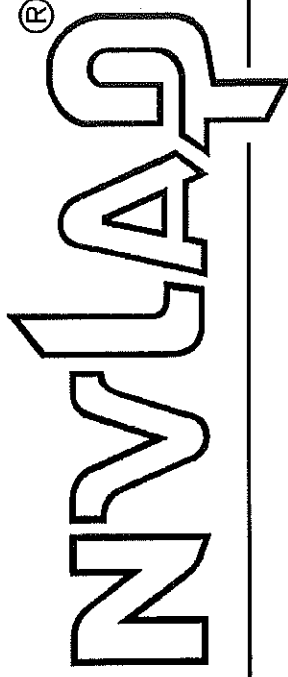
Sincerely,

Ed Norman
Program Manager
Health Hazards Control Unit

Enclosure

Nothing Compares

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 102104-0

EMSL Analytical, Inc.
Kernersville, NC

is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communiqué dated January 2009).

2016-07-01 through 2017-06-30

Effective Dates



A handwritten signature in dark ink, appearing to read "Peter S. Lander". The signature is written in a cursive, flowing style.

For the National Voluntary Laboratory Accreditation Program



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
706 Gralin Street
Kernersville, NC 27284
Mr. Stephen Bennett
Phone: 336-992-1025 Fax: 336-992-4175
Email: sbennett@emsl.com
<http://www.emsl.com/>

ASBESTOS FIBER ANALYSIS

NVLAP LAB CODE 102104-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA 600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

A handwritten signature in cursive script, reading "Dana S. Laman".

For the National Voluntary Laboratory Accreditation Program